

WARORA COAL BLOCK SUMMARY

PART A

Sr. No.	Features	Details
1. Location		
	Coal Block	WARORA
	Latitude	20°12'8"N to 20°15'8"N (Provisional)
	Longitude	79°0'28"E to 79°1'57"E (Provisional)
	Topo Sheet No.	55 P/4
	Coalfield	WARDHA VALLEY
	Villages	BORDA (As per SOI toposheet)
	Tehsil	WARORA
	District	CHANDRAPUR
	State	MAHARASHTRA
2. Connectivity with Block		
	Nearest Rail Head	The Warora railway station is located about 150km and 40km (approx.) away from Nagpur and Chandrapur respectively by rail.
	Road	This area is well served by road communications. The Warora railway station is located about 100km and 40km (approx.) away from Nagpur and Chandrapur respectively by road. The Warora-Nagpur road passes through this area.
	Airport	Nagpur airport (NAG)
3. Area		
	Geological Block	7.3 sq.km.(As per shape file. Refer Note at the end)
	Forest Area	Nil
	Non-Forest Area	7.3 sq.km.
4. Climate and Topography		
	Average Annual Rainfall	Between 112 and 140cm
	Temperature (Min. — Max.)	10°C -48°C
	Topography	It is generally a flat terrain with a few isolated knolls. General altitude is about 190m (approx.) above MSL in the southern part, gradually increasing towards North to about 200m (approx.).
	Rivers	There are no major rivers flowing through this area. Only two seasonal nallas flow southerly.
5. Exploration		
	Status	Explored
	Exploration Agency	DGM, Govt of Maharashtra

	Total Number of Boreholes with meterage, with proposed meterage		According to 'Geological report on Warora area', Dept of exploration, Central Mine Planning & Design Institute Coal Mines Authority Limited, Ranchi, Oct 1974, Total boreholes: 45 boreholes, 8028.14m meterage Warora East block is a part of the area under consideration in the above mentioned report. Proposed Meterage: 8000m			
	Borehole Density		According to 'Geological report on Warora area', Dept of exploration, Central Mine Planning & Design Institute Coal Mines Authority Limited, Ranchi, Oct 1974, boreholes density is 3 boreholes/sq.km. (approx.)			
	General Dip of Seams		1 in 14 towards almost E to SE			
	General Strike Direction		NNE-SSW to NE-SW			
6.	Coal Seams & Reserve					
	Number of Coal Seams	Thickness Range (m)	Depth Range (m)	Total net Geological Reserve (Mt)	Grade	Geo. Reserve (Mt) considered for
						OC UG
	Composite seam	3.55m-14.29m	80m to 210m	78.574	D to E	
	PROVED	42.409 Mt				78.574 Mt
	INDICATED	36.165 Mt				
7.	Surface Constraints		Warora Township			

Reference: GEOLOGICAL REPORT ON WARORA AREA, DEPT OF EXPLORATION, CENTRAL MINE PLANNING & DESIGN INSTITUTE COAL MINES AUTHORITY LIMITED, RANCHI, OCT 1974

PART B

Sr. No.	Features	Details
1.	Previous Allocation	
	Name of Allocatee	Maharashtra State Mining Corporation Limited (MSMCL)
2.	Status of Mineral Exploitation	--
3.	Status of Clearances/Approvals	--

Note:

1. The data and block boundary inferred from the above GR is provisional as there is no specific GR for Warora block and the referred block is a part of the original Warora Area for which GR is available. Moreover, no specific area for the referred block has

been mentioned in the said GR. Hence, the provisional area derived from shape file has been mentioned in the present summary.

2. The above data is compiled from Geological Report, Mining Plan and the data furnished by the prior allottee in Annexure-I/II, as available. For clarifications with regard to above data, please refer aforesaid source documents.
3. The boundary of the block has been taken from GR after conversion to WGS84 system by feature matching. The block boundary is provisional and the cardinal points, bounding co-ordinates are approximate.
4. There is a difference in area in the shape file and GR. Area in the shape file is based on feature mapped plan of the block as given in the GR. So, the area is tentative and field DGPS survey is required to ascertain the exact area.